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REMARKS

This response is intended as a full and complete response to the non-final Office Action mailed July 9, 2003. In that Action, the Examiner notes that claims 1-2 are pending and that claims 1-2 are rejected. By this response, claims 1-2 are amended and new claims 3-6 are added. As explained below, all of the pending claims are patentable.

Rejections of Claims 1-2Under 35 U.S.C. § 102(e)

The Office Action rejects claims 1-2 under 35 U.S.C. § 102(e) over Dasgupta (U.S. Patent No. 6,552,484). Applicants respectfully traverse the 35 U.S.C. §102(e) rejections of claims 1-2. However, claims 1-2 are above amended to conform to United State practice.

Claims 1 and 2 both recite convergence means for dynamically influencing a convergence of the electron beams. The convergence means comprises coils for generating a magnetic field and an electrically conductive layer on the convergence coils. For at least those reasons claims 1 and 2 are allowable.

Dasgupta teaches a cathode ray tube having a deflection yoke system that produces magnetic fields using coils and that includes an electrically energized conducting plate. The Office Action relies on Dasgupta, column 7, lines 35-49 for disclosing a convergence means, and on Dasgupta, column 5, lines 45-53 for disclosing coils for generating a magnetic field and that include an electrically conducting layer.

However, the Office action is incorrect: Dasgupta does not describe or suggest a convergence means having coils with an electrically conducting layer. Dasgupta, column 5, lines 45-53 discusses a deflection unit (not a convergence means) having coils wound on a high permeance material, e.g., ferrite. The Office action indicates that ferrite is an electrically conducting layer. However, in general, ferrites are used as electrical insulators, not conductors. Additionally, Dasgupta at column 7, lines 35-49 describes special geometries of a conducting plate that achieve a "magnetic deflection to optimize electron beam convergence geometries." In contrast to the pending claims,

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Dasgupta does not suggest a convergence means having coils with an electrically conducting layer.

As Dasgupta does not teach, suggest, or disclose convergence coils having an electrically conducting layer, pending claims 1 and 2 are allowable. Accordingly, withdrawal of the 35 U.S.C. § 102 rejections of claims 1-2 is respectfully requested.

NEW CLAIMS

New claims 3-6 are added. Those claims are allowable for at least the reason that they relate to convergence coils having an electrically conductive layer, with the convergence coils being disposed between deflecting coils and an electron gun.

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CONCLUSION

Thus, the Applicants submit that all the claims now pending are in condition for allowance. Accordingly, reconsideration of this application and its swift passage to issue are earnestly requested.

If the Examiner deems that a telephone call would further the prosecution of this application, the Examiner is invited to call Mr. Eric Bram at (914) 333-9635. All correspondence should continue to be sent to the address of record (not to the signing attorney).

If these papers are not considered timely filed by the United States Patent and Trademark Office, or if any additional fees are required, kindly charge that fee to deposit account number 20-0782.

Respectfully submitted,

10/6/03

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